

INCLINATION REPORT

Field Name _____ County Lea State New Mexico
 Operator BTA OIL PRODUCERS 104 South Pecos St. City Midland, Texas 79701
 Lease Name & No. 693 LTD. HUGO Well No. 1 Survey Totco

RECORD OF INCLINATION

Depth (feet)	Angle of Inclination (degrees)	Displacement (feet)	Accumulative Displacement (feet)
164	1/2	1.44	1.44
375	3/4	2.76	4.20
950	3/4	7.53	11.73
1465	1/4	2.27	14.00
1940	1/2	4.18	18.18
2456	1/2	4.54	22.72
2825	2	12.88	35.60
3330	1/2	4.44	40.04
3520	3/4	2.49	42.53
4070	3/4	7.21	49.74
4600	3/4	6.94	56.68
4885	3/4	3.73	60.41
5320	3/4	5.70	66.11
6070	1	13.13	79.24
6450	1	6.65	85.89
6780	1 1/2	8.65	94.54
7150	1 1/4	8.07	102.61
7540	3/4	5.11	107.72
7985	2	15.53	123.25
8359	1 1/4	8.15	131.40
8650	1	5.09	136.49
8975	3/4	4.26	140.75
9477	3/4	6.58	147.33
9808	3/4	4.34	151.67
		Total Displacement	151.67

Survey was taken in Open Hole Distance to the nearest lease line _____ feet

Certification of personal knowledge Inclination Data:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information given above is true and complete.

Delton Marcum
 Signature

MARCUM DRILLING COMPANY
 Company

STATE OF TEXAS Y
 COUNTY OF MIDLAND Y

Beforeme, the undersigned, a Notary Public in and for said County and State, on this day personally appeared DELTON MARCUM, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purpose and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 20TH DAY OF JUNE 1969.

My Commission Expires

June 1, 1971

Ally M. Schaub
 Notary Public in and for said County & State